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Breanne M Hatfield* (breanne.hatfield@my.minotstateu.edu) and **Narayan Thapa** (narayan.thapa@minotstateu.edu). *Parameter Estimation of Tumor Growth Model*. Preliminary report.

This talk outlines a number of mathematical models describing avascular tumor growth. Taking into consideration the location of a cell within a tumor, we examine cell proliferation and death. Both numerical and analytical solutions are derived. Model parameters are estimated by using simple inverse problem techniques. (Received September 16, 2013)